

METHOD AND APPARATUS FOR LIMITING SHOCK DAMAGE TO HARD DISK DRIVE DURING OPERATION

ABSTRACT OF THE DISCLOSURE

5 A disk drive controller establishes an active region on a disk that corresponds to a region of the disk wherein effects of mechanical shock to the disk drive during read and/or write operations are mitigated by a motion limiting element. The controller stores data in the active region based on frequency and/or recency of access of the data.